

The invention makes uniform, in a plane, optical properties of optical members, such as the distribution properties of light transmission of a color filter, the color display properties of a liquid crystal device, and the light emission properties of an EL luminescent plane. During main scanning of color filter formation areas of a board in the X direction with an ink jet head having a nozzle row formed of a plurality of nozzles arranged in a row, a filter material is selectively discharged from the plurality of the nozzles to each of filter element areas arranged in a dot matrix to form filter elements, producing a color filter. First, the nozzle row is moved to positions "a" and "b" by main scanning in the X direction to enhance wettability of the surface of the areas and then main scanning is executed at each of the positions while successively moving the nozzle row to positions "c" through "k" by sub-scanning, thereby repeatedly discharging ink in the same portion of the areas.